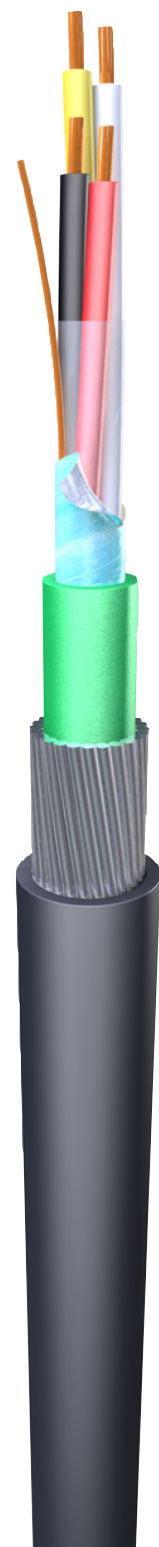
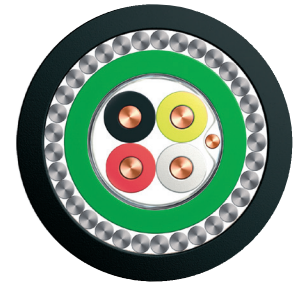


# EIB/KNX Quad Cable DataGuard® (SWA) Certified #330/11612/14

## Cable Design *4x0,8mm*

<b>Conductor</b>	Solid bare copper wire
Diameter	Ø 0,80 mm
<b>Insulation</b>	LSZH FireFighter®
Diameter	Ø 1,60 mm
<b>Formation</b>	4 wires twisted to a quad
Pair identification	Red, Yellow, White, Black
Tape	plastic tape overlapped
<b>Drain Wire</b>	Solid bare copper wire
Diameter	Ø 0,40 mm
<b>Screen</b>	Alulamine foil overlapped
Coverage	100%
<b>Inner Jacket</b>	LSZH FireFighter®, Green
Diameter	Ø 6,10 mm
<b>Armour</b>	DataGuard® Steel Wire Armour (DSWA)
<b>Outer Jacket</b>	LSZH FireFighter®, Black
Diameter	Ø 10,4 ± 0,4 mm



## Application

EIB Cable LSZH FireFighter® for building system technology to control lighting, heating, air-conditioning, ventilation, energy management, blinds, time management and locking systems. DataGuard® Armoured for use in harsh environments.

## Electrical Data @ 20° C

Loop resistance (max.)	73,20	Ohm/km
Insulation resistance (min.)	100	MOhm*km
Operating Capacity (max.)	100	nF/m
k1 : Capacitance unbalance (max.)	200	pF/100m
Test Voltage : core-shield	4	kV 50 Hz 1min.
Peak Operating Voltage	300	V

## Mechanical & Thermal Characteristics

Temperature Range	during installation :	-20° C up to +50° C
	static :	-40° C up to +70° C
Weight (approx.)	380	kg/km

## Specification

Part Number	Type
142101Q08S44	DataGuard® (SWA) EIB/KNX Cable for Permanent Installation. Certified #330/11612/14